

Title (en)
TRANSFORM-DOMAIN VIDEO EDITING

Title (de)
VIDEOEDITIERUNG IM TRANSFORMATIONSBEREICH

Title (fr)
EDITION VIDEO DANS LE DOMAINE TRANSFORMATION

Publication
EP 1695551 A4 20070613 (EN)

Application
EP 04769628 A 20041012

Priority
• IB 2004003345 W 20041008
• US 73718403 A 20031216

Abstract (en)
[origin: US2005129111A1] A method and device for editing a video sequence while the sequence is in a compressed format. In order to achieve a video effect, editing data indicative of the video effect is applied to residual data from a compressed bitstream. The residual data can be residual error data, transformed residual error data, quantized transformed residual error data or coded, quantized, transformed residual error data. The video effects include fading-in to a color or to a set of colors, fading-out from a color or a set of color, or fading-in from color components in color video frames to color components in monochrome video frames. The editing operations can be multiplication or addition or both.

IPC 8 full level
H04N 7/12 (2006.01); **G11B 27/031** (2006.01); **H04N 7/26** (2006.01)

CPC (source: EP KR US)
G11B 27/031 (2013.01 - EP US); **H04N 19/40** (2014.11 - EP US); **H04N 19/46** (2014.11 - KR); **H04N 19/48** (2014.11 - EP US);
H04N 21/2343 (2013.01 - KR)

Citation (search report)
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• [XY] BO SHEN: "Fast fade-out operation on MPEG video", 4 October 1998, IMAGE PROCESSING, 1998. ICIP 98. PROCEEDINGS. 1998 INTERNATIONAL CONFERENCE ON CHICAGO, IL, USA 4-7 OCT. 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, PAGE(S) 852-856, ISBN: 0-8186-8821-1, XP010308700
• [X] FERNANDO W A C ET AL: "FADE, DISSOLVE AND WIPE PRODUCTION IN MPEG-2 COMPRESSED VIDEO", IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 46, no. 3, August 2000 (2000-08-01), pages 717 - 727, XP001142895, ISSN: 0098-3063
• [A] SMITH B C ET AL: "ALGORITHMS FOR MANIPULATING COMPRESSED IMAGES", IEEE COMPUTER GRAPHICS AND APPLICATIONS, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 13, no. 5, September 1993 (1993-09-01), pages 34 - 42, XP000562744, ISSN: 0272-1716
• See references of WO 2005062612A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005129111 A1 20050616; EP 1695551 A1 20060830; EP 1695551 A4 20070613; JP 2007519310 A 20070712; KR 100845623 B1 20080710; KR 20060111573 A 20061027; WO 2005062612 A1 20050707; WO 2005062612 A8 20050929

DOCDB simple family (application)
US 73718403 A 20031216; EP 04769628 A 20041012; IB 2004003345 W 20041008; JP 2006542033 A 20041008; KR 20067011843 A 20060615